

**NOVEL COMPOSITIONS AND METHODS OF SCREENING FOR
B CELL ACTIVITY MODULATORS**

ABSTRACT OF THE DISCLOSURE

5 The invention provides for the identification of all genes, whether known or novel, which are differentially expressed within and among B cells, making possible the characterization of their temporal regulation and function in the B cell response and/or in B cell mediated disorders. Expression profiles, nucleic acids and proteins are provided for differing states of B cells, including resting, naïve, activated, tolerant and immunosuppressed

10 B cells. The present invention makes possible the identification and characterization of targets useful in prognosis, diagnosis, monitoring, rational drug design, and/or therapeutic intervention of immune system disorders.

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